

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011796.D
 Acq On : 13 Dec 2022 16:11
 Operator : KP/MD
 Sample : N6022-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-121222

Quant Time: Dec 13 22:18:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	264886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	442114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	373589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166066	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94449	52.492	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.980%
35) Dibromofluoromethane	7.716	113	95662	48.591	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.180%
50) Toluene-d8	10.179	98	269863	40.664	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.320%
62) 4-Bromofluorobenzene	12.483	95	101707	38.641	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.280%

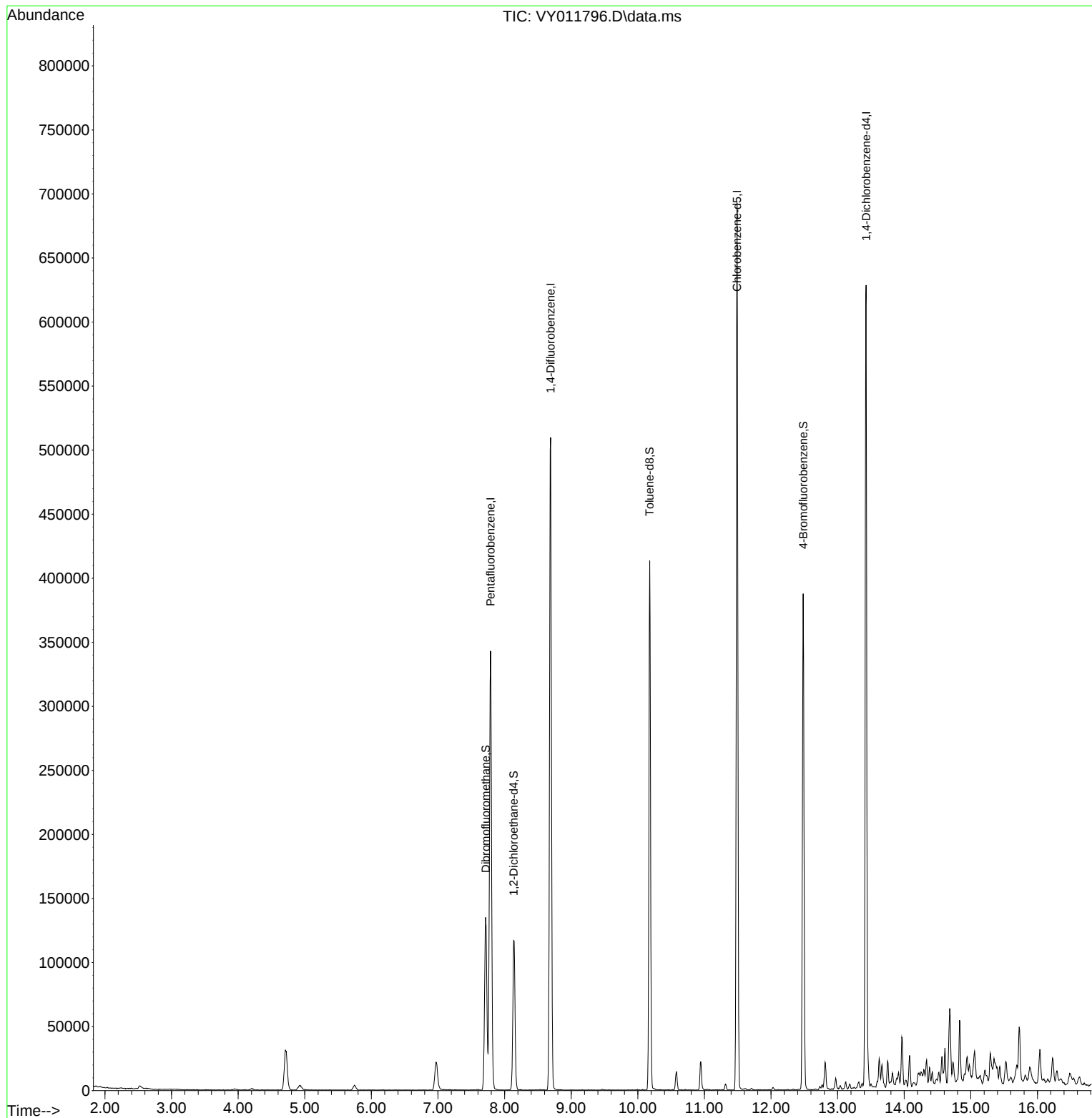
Target Compounds	Qvalue

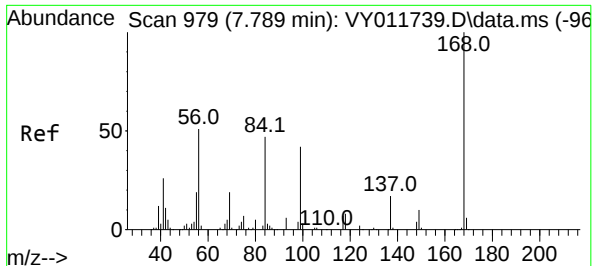
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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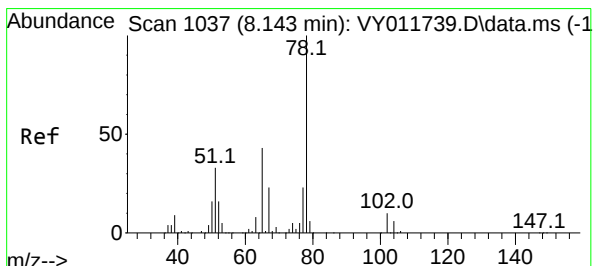
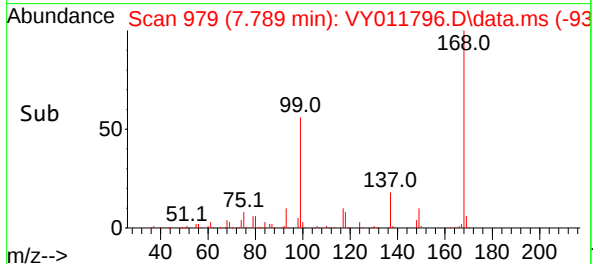
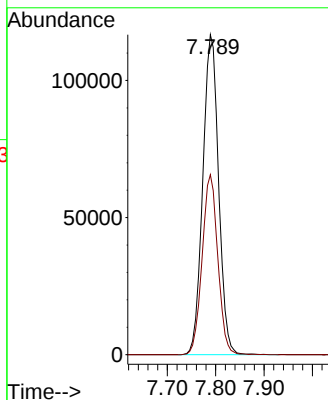
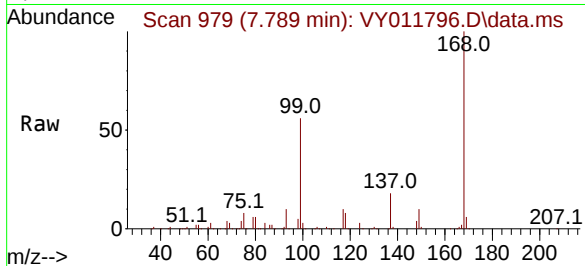




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

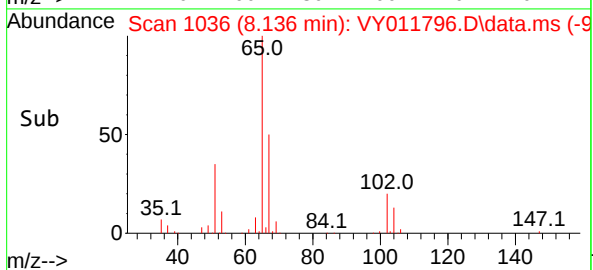
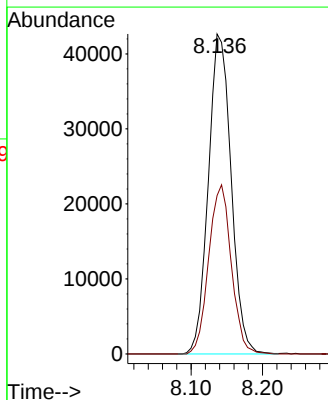
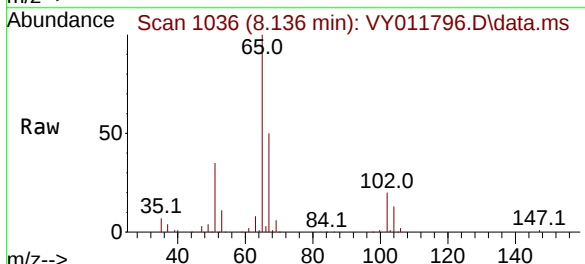
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-121222

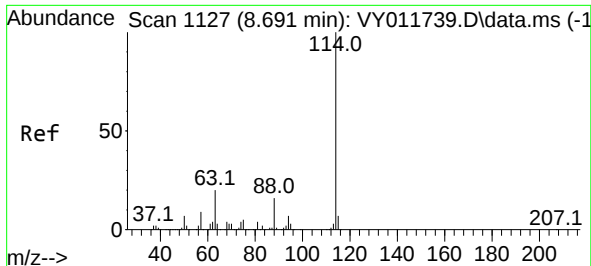
Tgt Ion:168 Resp: 264886
Ion Ratio Lower Upper
168 100
99 56.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 52.492 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Tgt Ion: 65 Resp: 94449
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011796.D

Acq: 13 Dec 2022 16:11

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-121222

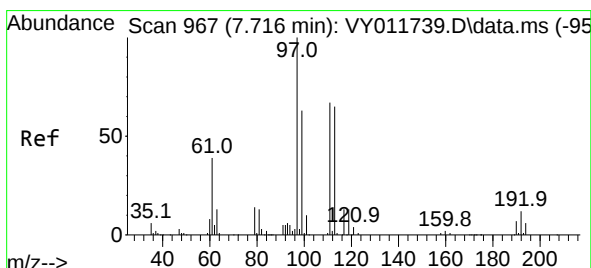
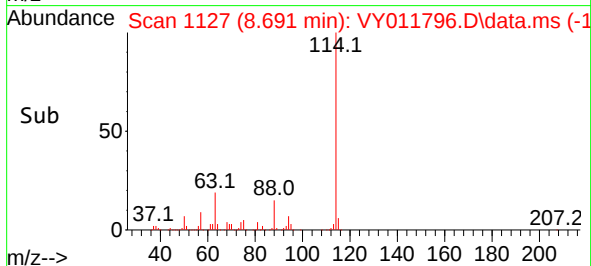
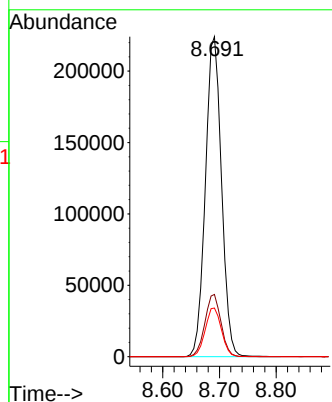
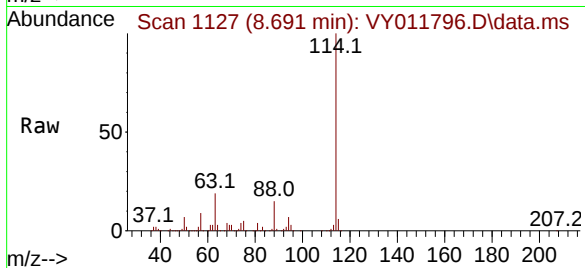
Tgt Ion:114 Resp: 442114

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.591 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011796.D

Acq: 13 Dec 2022 16:11

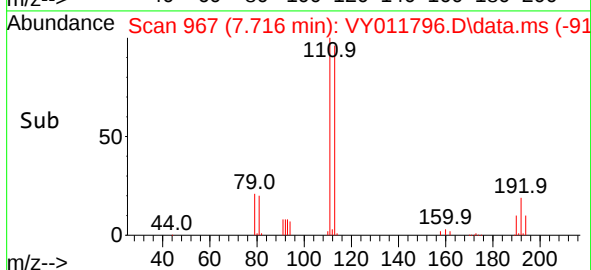
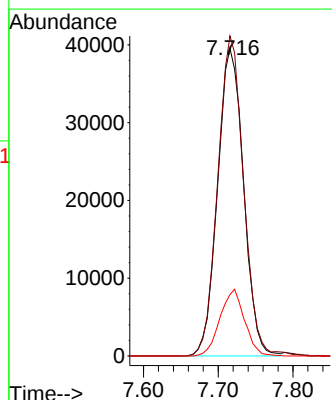
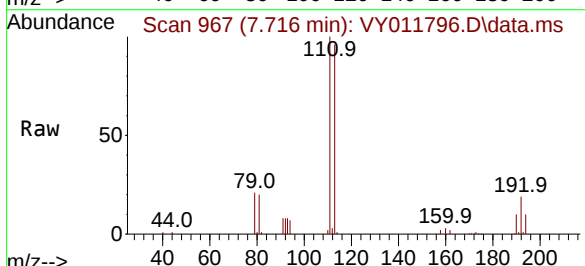
Tgt Ion:113 Resp: 95662

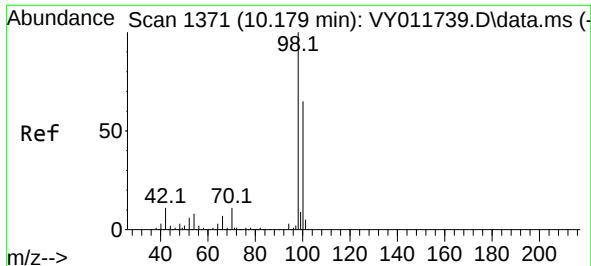
Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.4

192 20.5 16.0 24.0

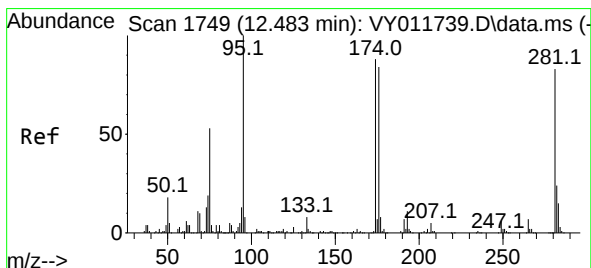
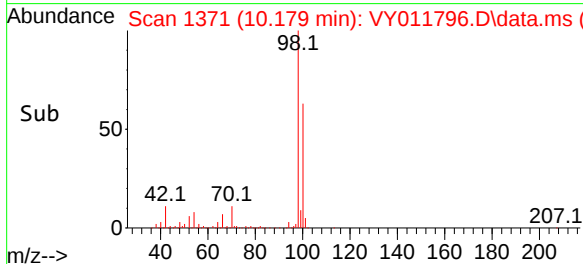
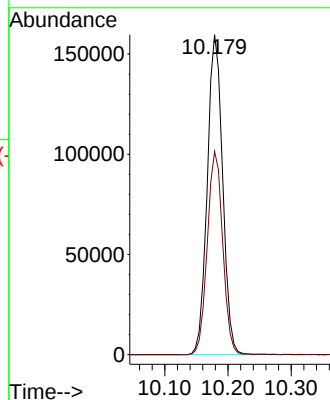
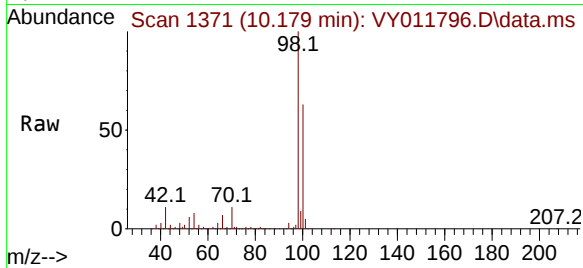




#50
Toluene-d8
Concen: 40.664 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

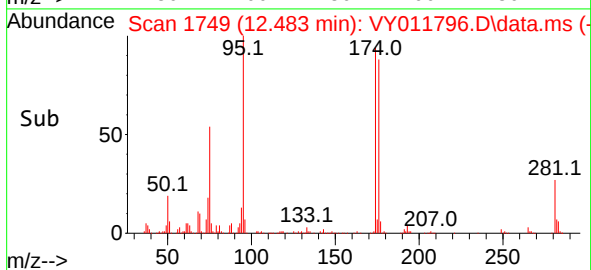
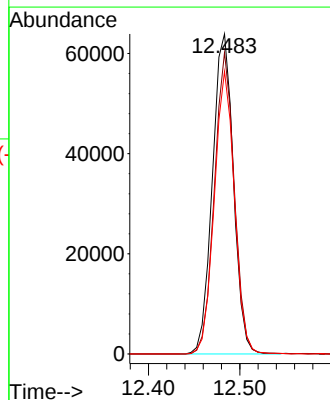
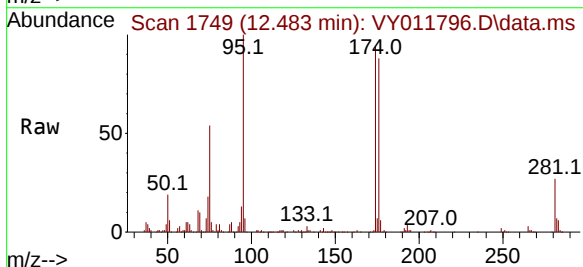
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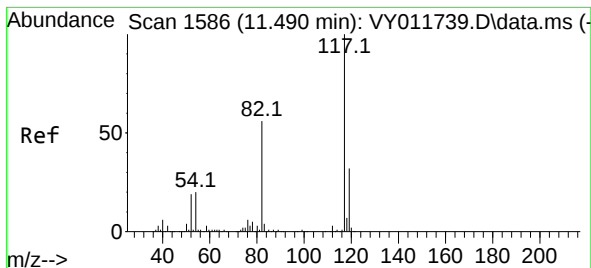
Tgt Ion: 98 Resp: 269863
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 38.641 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011796.D
Acq: 13 Dec 2022 16:11

Tgt Ion: 95 Resp: 101707
Ion Ratio Lower Upper
95 100
174 89.8 0.0 172.0
176 85.2 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011796.D

Acq: 13 Dec 2022 16:11

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-121222

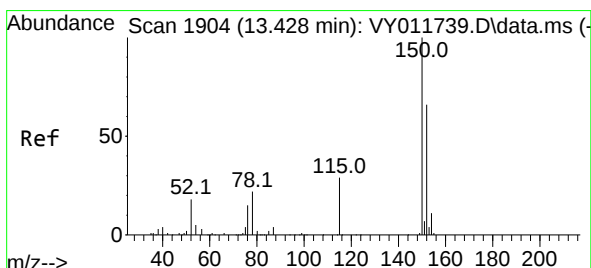
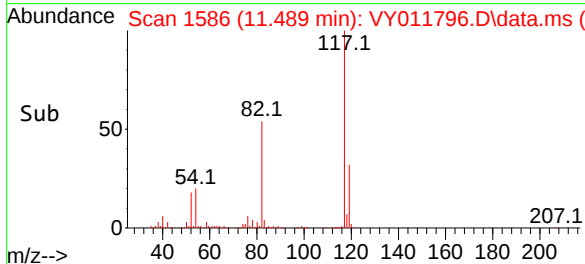
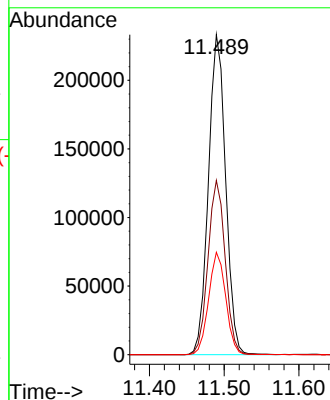
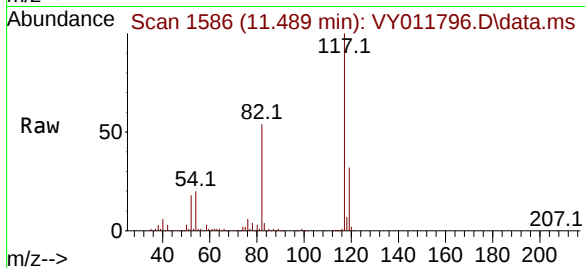
Tgt Ion:117 Resp: 373589

Ion Ratio Lower Upper

117 100

82 54.5 44.8 67.2

119 32.0 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011796.D

Acq: 13 Dec 2022 16:11

Tgt Ion:152 Resp: 166066

Ion Ratio Lower Upper

152 100

115 57.4 29.1 87.3

150 157.2 0.0 342.6

